nerewith (or previously mailed), a Notice of Allowance (PTOL-85) or other app NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1.  This communication is responsive to a reply filed on 19 July 2004.  The allowed claim(s) is/are 15 and 21-35.  The drawings filed on 25 February 2002 are accepted by the Examiner 1.  Acknowledgment is made of a claim for foreign priority under 35 U.S. a) All b) Some* c) None of the:  1.  Certified copies of the priority documents have been received: 2.  Certified copies of the priority documents have been received: 3.  Copies of the certified copies of the priority documents have laternational Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  CORRECTED DRAWINGS (as "replacement sheets") must be submitted. Including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header accepted by the Notice of Draftsperson's Patent apper No./Mail Date	MCAI Art U Choi 3724  Cover sheet with the correspond NS) CLOSED in this application propriate communication will be a sapplication is subject to withdreful 1308.  C. § 119(a)-(d) or (f).  Yeed.  Yeed in Application No  The been received in this national munication to file a reply complying the complexity of the control of the complexity of the complexity of the complexity of the control	n. If not included mailed in due course. THIS rawal from issue at the initiative
Stephen (  The MAILING DATE of this communication appears on the Pall claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAIN THE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This if the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1. ☑ This communication is responsive to a reply filed on 19 July 2004.  2. ☑ The allowed claim(s) is/are 15 and 21-35.  3. ☑ The drawings filed on 25 February 2002 are accepted by the Examiner 1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received.  3. ☐ Copies of the certified copies of the priority documents have been received.  4. ☐ Certified copies of the priority documents have been received.  5. ☐ Copies of the certified copies of the priority documents have been received.  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoded below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent 1) ☐ hereto or 2) ☐ to Paper No./Mail Date  (b) ☐ including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header act. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	Choi  Choi  Cover sheet with the correspond NS) CLOSED in this application propriate communication will be a sapplication is subject to withdraway.  C. § 119(a)-(d) or (f).  C. § 119(a)-(d) or (f).  The been received in this national munication to file a reply complying the complexity of the control of the control of the correspondence of the control of the correspondence of	ondence address n. If not included mailed in due course. THIS rawal from issue at the initiativ
The MAILING DATE of this communication appears on the All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINER PROSECUTION ON THE MERITS IS (OR REMAINER PROFICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1.  This communication is responsive to a reply filed on 19 July 2004.  The allowed claim(s) is/are 15 and 21-35.  The drawings filed on 25 February 2002 are accepted by the Examiner 1.  Acknowledgment is made of a claim for foreign priority under 35 U.S. a)  All b)  Some* c)  None of the:  1.  Certified copies of the priority documents have been received: 2.  Certified copies of the priority documents have been received: 3.  Copies of the certified copies of the priority documents have been received: 4. Certified copies not received: 5.  Certified copies not received: 7.  ASUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) in Including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date (c) DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	cover sheet with the corresponding NS) CLOSED in this application or propriate communication will be a sapplication is subject to withdraway.  C. § 119(a)-(d) or (f).  Yeed.  Yee been received in this national munication to file a reply complying the complying subject to withdraway.	n. If not included mailed in due course. THIS rawal from issue at the initiativ
The MAILING DATE of this communication appears on the All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAIN PROPERTY IS NOT A GRANT OF PATENT RIGHTS. This of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1. This communication is responsive to a reply filed on 19 July 2004.  2. The allowed claim(s) is/are 15 and 21-35.  3. The drawings filed on 25 February 2002 are accepted by the Examiner 1. Certified copies of the priority documents have been received:  1. Certified copies of the priority documents have been received:  2. Certified copies of the priority documents have been received:  3. Copies of the certified copies of the priority documents have been received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac and the property of the property of the property of the paper of the property of the p	cover sheet with the corresponding to the corresponding to the communication will be application is subject to without 1308.  C. § 119(a)-(d) or (f).  The control of the corresponding to the corresp	n. If not included mailed in due course. THIS rawal from issue at the initiativ
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINER WITH COMPANIES AND THE MERITS IS (OR REMAINER WITH COMPANIES AND THE MERITS IS) or other approvided for previously mailed), a Notice of Allowance (PTOL-85) or other approvided for the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1. This communication is responsive to a reply filed on 19 July 2004.  2. The allowed claim(s) is/are 15 and 21-35.  3. The drawings filed on 25 February 2002 are accepted by the Examiner 1. Certified copies of a claim for foreign priority under 35 U.S. a) All b) Some* c) None of the:  1. Certified copies of the priority documents have been received:  2. Certified copies of the priority documents have been received:  3. Copies of the certified copies of the priority documents have been received:  4. Certified copies not received:  5. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this community in the stimely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) and including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) Including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac the complex of the proof of the priority deposit of BIOLO in the proof of priority deposit of BIOLO in the proof of priority deposit of BIOLO in the priority	NS) CLOSED in this application or	n. If not included mailed in due course. THIS rawal from issue at the initiativ
2.  The allowed claim(s) is/are 15 and 21-35.  3.  The drawings filed on 25 February 2002 are accepted by the Examiner 4.  Acknowledgment is made of a claim for foreign priority under 35 U.S. a)  All b)  Some* c)  None of the:  1.  Certified copies of the priority documents have been received: 2.  Certified copies of the priority documents have been received: 3.  Copies of the certified copies of the priority documents have been received:   International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:   Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted. Including changes required by the Notice of Draftsperson's Patent   1)  hereto or 2)  to Paper No./Mail Date	C. § 119(a)-(d) or (f).  ved. ved in Application No ve been received in this national	
3.  The drawings filed on 25 February 2002 are accepted by the Examiner 4.  Acknowledgment is made of a claim for foreign priority under 35 U.S. a)  All b)  Some* c)  None of the:  1.  Certified copies of the priority documents have been received: 2.  Certified copies of the priority documents have been received: 3.  Copies of the certified copies of the priority documents have been received: 3.  Copies of the certified copies of the priority documents have been received: 4.  Certified copies of the priority documents have been received: 5.  Certified copies not received: 6.  Certified copies not received: 6.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) 6.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a)  including changes required by the Notice of Draftsperson's Patent 1)  hereto or 2)  to Paper No./Mail Date  (b)  including changes required by the attached Examiner's Amendment Paper No./Mail Date  (c)  DEPOSIT OF and/or INFORMATION about the deposit of BIOLO. 7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	C. § 119(a)-(d) or (f).  ved. ved in Application No ve been received in this national	
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.  a) All b) Some* c) None of the:  1. Certified copies of the priority documents have been received: 2. Certified copies of the priority documents have been received: 3. Copies of the certified copies of the priority documents have been received: International Bureau (PCT Rule 17.2(a)).  * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  G. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent  1) hereto or 2) to Paper No./Mail Date	C. § 119(a)-(d) or (f).  ved. ved in Application No ve been received in this national	•
a) All b) Some* c) None of the:  1. Certified copies of the priority documents have been received: 2. Certified copies of the priority documents have been received: 3. Copies of the certified copies of the priority documents have been received: International Bureau (PCT Rule 17.2(a)).  * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoded below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  G. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header act.  T. DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	ved. ved in Application No ve been received in this nationa nunication to file a reply comply	•
1. Certified copies of the priority documents have been received: 2. Certified copies of the priority documents have been received: 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	red in Application No  re been received in this national  nunication to file a reply complying	•
2. Certified copies of the priority documents have been received.  3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent.  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header actors.	red in Application No  re been received in this national  nunication to file a reply complying	•
3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header act.	re been received in this national	•
International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s).  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent.  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header act.  7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	nunication to file a reply comply	•
* Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s)  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patententally including changes required by the attached Examiner's Amendmentally including Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header action.		ing with the requirements
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this commoted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s)  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patent 1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header act of DEPOSIT OF and/or INFORMATION about the deposit of BIOLO		ing with the requirements
noted below. Failure to timely comply will result in ABANDONMENT of this THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s)  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted (a) including changes required by the Notice of Draftsperson's Patententally including changes required by the Altached Examiner's Amendmentally including changes required by the attached Examiner's Amendmentally including changes required by the attached Examiner's Amendmentally including changes required by the attached Examiner's Amendmentally including Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header actally included in the property of BIOLO (INFORMATION about the deposit of BIOLO).		ing with the requirements
INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s)  6. CORRECTED DRAWINGS (as "replacement sheets") must be submitt  (a) including changes required by the Notice of Draftsperson's Patent  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ace of DEPOSIT OF and/or INFORMATION about the deposit of BIOLO		
<ul> <li>(a) ☐ including changes required by the Notice of Draftsperson's Patent         <ol> <li>1) ☐ hereto or 2) ☐ to Paper No./Mail Date</li> <li>(b) ☐ including changes required by the attached Examiner's Amendment Paper No./Mail Date</li> </ol> </li> <li>Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac</li> <li>7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLO</li> </ul>		
1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLO.	ed.	
(b) including changes required by the attached Examiner's Amendment Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac 7.   DEPOSIT OF and/or INFORMATION about the deposit of BIOLO	Drawing Review ( PTO-948) att	tached
Paper No./Mail Date  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac 7.   DEPOSIT OF and/or INFORMATION about the deposit of BIOLO		
Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should each sheet. Replacement sheet(s) should be labeled as such in the header ac 7.   DEPOSIT OF and/or INFORMATION about the deposit of BIOLO	nt / Comment or in the Office ac	tion of
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLO attached Examiner's comment regarding REQUIREMENT FOR THE D	I be written on the drawings in the cording to 37 CFR 1.121(d).	ne front (not the back) of
	DGICAL MATERIAL must be EPOSIT OF BIOLOGICAL MAT	e submitted. Note the ERIAL.
Attachment(s)	·	
<u> </u>	☐ Notice of Informal Patent A	pplication (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 6.	☐ Interview Summary (PTO-4	13),
B. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), 7. Paper No./Mail Date	Paper No./Mail Date Examiner's Amendment/Co	 mment
. <b>_</b>		easons for Allowance
of Biological Material 9.	Other	

Page 2

Application/Control Number: 10/082,513

Art Unit: 3724

## **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance: the limitations reciting an apparatus for producing discontinuous lengths of filament including a sensor system to generate signals representing actual current roll property of each rolls as claimed and an actual current radial spacing between the rolls as claimed, and a control system being operable to generate drive command based on predetermined control parameters and the signals from the sensor system to synchronize the sensed roll properties and to position the rolls radially as claimed in combination with other limitations set forth in claims 15 and 24 are not anticipated or made obvious by the prior art. For example, Cote discloses variable velocity cutting cylinders with a control device to control an angular velocity in order to cut signatures of a desired length. Green discloses a sensor system and a control system to control a rotating knife to cut the workpiece into predetermined lengths. Okahashi discloses a clearance detecting means to detect a clearance and a clearance adjusting unit for adjusting the clearance. However, Cote, Green, and Okahashi, alone or in combination, do not disclose the apparatus for producing discontinuous lengths of filament as claimed including the sensor system to generate signals representing actual current roll property of each rolls as claimed and an actual current radial spacing between the rolls as claimed, and the control system being operable to generate drive command based on predetermined control parameters and the signals from the sensor system to synchronize the sensed roll properties and to position the rolls radially as claimed in combination with other limitations set forth in claims 15 and 24.

Application/Control Number: 10/082,513 Page 3

Art Unit: 3724

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Choi whose telephone number is 703-306-4523. The examiner can normally be reached on Monday-Friday 9:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on 703-308-2187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SC

29 September 2004

STEPHEN CHOI PRIMARY EXAMINER